



**Commercial offer
FOR FLR**

Company Name: Southern Adish Gas Condensate Refinery
Requisition No.: SACR-DE-GEN-PI-MRQ-5521

NO	UNIT	DESCRIPTION	SIZE (Inch)	Thk. (mm)	Total Quantity (M)	Unit Price (Euro)	Total Price (Euro)	Remark
1	M	1/2" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II , density 80 kg/m3~120 kg/m3, Sectional Pipe	1/2"	30	36.50	1.077	39.305	
2	M	1/2" , Thk. 40mm ,Hot Insulation, Mineral wool ASTM C547, Class II , density 80 kg/m3~120 kg/m3, Sectional Pipe	1/2"	40	48.50	1.508	73.138	
3	M	3/4" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	3/4"	30	77.00	1.149	88.473	
4	M	3/4" , Thk. 40mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	3/4"	40	8.00	1.723	13.784	
5	M	1" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	1"	30	26.50	1.192	31.588	
6	M	1 1/2" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	1 1/2"	30	64.00	1.508	96.512	
7	M	1 1/2" , Thk. 40mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	1 1/2"	40	1.50	2.104	3.156	
8	M	2" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	2"	30	287.50	1.579	453.963	
9	M	2" , Thk. 40mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	2"	40	333.50	2.440	813.740	
10	M	2" , Thk. 50mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	2"	50	1.50	3.302	4.953	
11	M	3" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	3"	30	8.00	2.154	17.232	
12	M	4" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	4"	30	4.50	2.496	11.232	
13	M	4" , Thk. 40mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	4"	40	242.00	3.589	868.538	
14	M	6" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	6"	30	24.50	3.484	85.358	
15	M	8" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	8"	30	3.50	4.339	15.187	
16	M	8" , Thk. 50mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	8"	50	250.00	7.751	1937.750	
17	M	8" , Thk. 80mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	8"	50	286.00	7.751	2216.786	Replace of the first layer of Mineral wool pipe 8" , thk: 80 mm
	M2	Hot Insulation, Mineral Wool, Blanket,Thk. 30mm ,ASTM C592,Class II, density 80 kg/m3~120 kg/m3, With 0.9mm 1 side stitched galvanized wire		30	341.00	15.892	5419.172	Replace of the second layer of Mineral wool pipe 8" , thk: 80 mm



NO	UNIT	DESCRIPTION	SIZE (Inch)	Thk. (mm)	Total Quantity (M)	Unit Price (Euro)	Total Price (Euro)	Remark
18	M	10" , Thk. 30mm ,Hot Insulation, Mineral wool ASTM C547, Class II density 80 kg/m3~120 kg/m3, Sectional Pipe	10"	30	3.50	5.134	17.969	
19	M2	Hot Insulation, Mineral Wool, Blanket,Thk. 30mm , ASTM C592,Class II, density 80 kg/m3~120 kg/m3, With 0.9mm 1 side stitched galvanized wire		30	225.500	15.892	3583.646	
20	M2	Hot Insulation, Mineral Wool, Blanket,Thk. 50mm , ASTM C592,Class II, density 80 kg/m3~120 kg/m3, With 0.9mm 1 side stitched galvanized wire		50	220.000	17.508	3851.760	
21	M2	Hot Insulation, Mineral Wool, Blanket,Thk. 60mm , ASTM C592,Class II, density 80 kg/m3~120 kg/m3, With 0.9mm 1 side stitched galvanized wire		60	112.200	18.316	2055.055	
22	M2	Hot Insulation, Mineral Wool, Blanket,Thk. 90mm , ASTM C592,Class II, density 80 kg/m3~120 kg/m3, With 0.9mm 1 side stitched galvanized wire		90	211.000	20.740	4376.140	
23	M2	0.6 mm Thickness Metal Jacketing-ASTM B 209, type 1100 Wrought Aluminum Alloy		0.60	328.900	11.313	3720.846	
24	M2	0.8 mm Thickness Metal Jacketing-ASTM B 209, type 1100 Wrought Aluminum Alloy		0.80	1030.500	15.084	15544.062	
25	M2	1 mm Thickness Metal Jacketing-ASTM B 209, type 1100 Wrought Aluminum Alloy		1.000	125.400	18.855	2364.417	
26	PCS	Mastic			750.000	6.500	4875.000	
NET PRICE (Euro) :					52,578.76			
VAT (Euro) :					4,732.09			
TOTAL PRICE (Euro) :					57,310.85			
Delivery to project site Charges (EURO):								

Term of Payment: 100% cash
Delivery Place : EX WORK
Time Of Delivery : 3 months after Payment
Validity:2022/12/15

Packing :

- 1- Hot insulation: Plastic shirink
- 2- Aluminum & Accessories: Pallet- Coil

A-1-The length of Pipe sectional insulations is 0.5 meters therefore, the calculations were rendered on this basis.

A-2- Mineral Wool Blanket insulation with Stainless steel mesh is 1to1.2 meters width and 3 to 6 meters length.

A-3-According to table5A Thicknesses higher than 75mm were considered as two layers.

A-4-For mineral wool blanket insulation density is 100kg/m3 and for pipe insulation is 120kg/m3.

Sales Expert:MS. SEIFODDIN(EXT-149)

**Best Regards
Mahdi Khodaei
Sales Manager**

